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CONFIRMATION NO. 8458

SERIAL NUMBER 10/500,786	FILING OR 371(c) DATE 07/02/2004 RULE	CLASS 062	GROUP ART UNIT 3744	ATTORNEY DOCKET NO. SHI 19.251 (310010-00106)
APPLICANTS Ralph C. Longworth, Allentown, PA;				
** CONTINUING DATA ***** This application is a 371 of PCT/US03/00381 01/08/2003 which claims benefit of 60/346,701 01/08/2002				
** FOREIGN APPLICATIONS ***** <i>None</i>				
Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after met Verified and Acknowledged <i>Allowance</i> Examiner's Signature _____ Initials _____		STATE OR COUNTRY PA	SHEETS DRAWING 4	TOTAL CLAIMS 9
				INDEPENDENT CLAIMS 1
ADDRESS 026304				
TITLE Pulse tube cooling by circulation of buffer gas				
FILING FEE RECEIVED 770	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit	